REMARKS

I. Status of the Claims

Claims 1-3 have been canceled without prejudice and without disclaimer. No claims have been amended. New claims 4-7 have been added to more clearly claim the present invention.

Claims 4-7 are therefore presently pending in the case.

II. Support for the Amendment to the Specification and Newly Added Claims

The specification has been amended to include reference to the co-pending U.S. Application. In compliance with 37 C.F.R. § 1.121(a)(1)(iii), a marked up copy of the original paragraph has been provided.

Claims 4-7 have been added to specifically claim additional aspects of the invention.

Claim 4 finds support throughout the specification, sequence listing and claims as originally filed, with particular support being found in SEQ ID NO:1 of the sequence listing and on or about page 13 lines 21-27 of the specification.

Claim 5 finds support throughout the specification, sequence listing and claims as originally filed, with particular support being found in SEQ ID NO:1 of the sequence listing and on or about page 13 lines 27-33 of the specification.

Claim 6 finds support throughout the specification, sequence listing and claims as originally filed, with particular support being found in SEQ ID NO:2 of the sequence listing and at least in Section 5.2 of the specification.

Claim 7 finds support throughout the specification, sequence listing and claims as originally filed, with particular support being found in SEQ ID NO:2 of the sequence listing and at least in Section 5.3 of the specification.

It will, therefore, be understood that no new matter is included within the amended specification or the newly added claims and, thus, entry is respectfully requested.

III. Conclusion

Applicants submit that the present case is in condition for allowance, and such favorable action is respectfully requested. Should the Examiner have any questions or comments, or believe that certain

amendments of the claims might serve to improve their clarity, a telephone call to the undersigned Applicants' representative is earnestly solicited.

Respectfully submitted,

April 21, 2004

Date

Lance K. Ishimoto

Reg. No. 41.866

Attorney for Applicants

LEXICON GENETICS INCORPORATED

(281) 863-3333

Customer # 24231